

# CAPILLARY THERMOSTAT KR XX.NN

## DESCRIPTION

Capillary thermostat KR is single-pole temperature regulator based on the principle of liquid dilatation. It consists of two basic parts: switching unit and capillary temperature sensor. The switching unit ensure micro-disconnection of phase wire. Thermostat is manufactured as circuit-opening type with or without signalling terminal that can signalize micro-disconnection of electrical load. Thermostat is intended to single-phase appliances for household and similar applications the norm ČSN EN 60335-1 is valid for. Usage for another purposes must be consulted with manufacturer. The thermostat is not intended for disconnection of electrical appliance form electrical network.



## ADVANTAGES

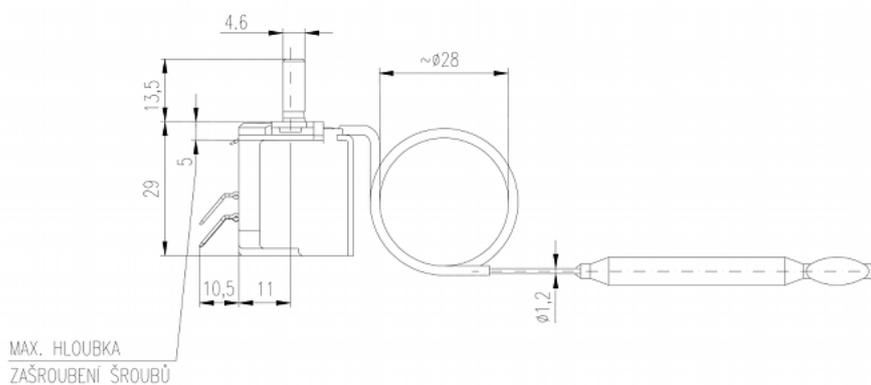
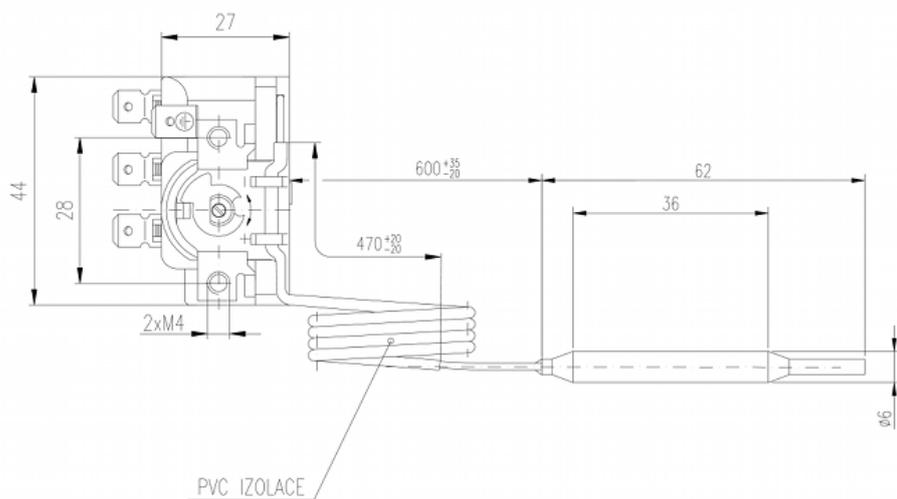
- Variable location of temperature sensor in relation to position of switching unit
- Switching unit can be installed in any position
- Capillary can be bent according to installation need

## TECHNICAL DATA

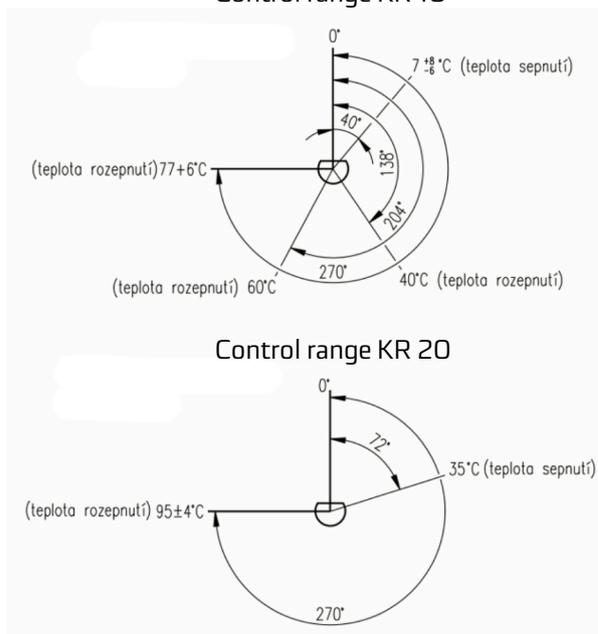
KR	X	X	NN	
	X			Operating range
			1	from 0÷45°C to 20÷90°C
			2	from 20÷45°C to 90÷99°C
		X	0	Without signalling terminal
			1	With signalling terminal
			NN	Labeling of special design according to negotiated technical conditions

	KR 10 (KR 11)	KR 20 (KR 21)
<b>Control range</b>	7÷77°C	35÷95°C
<b>Variation of max. cutout temperature</b>	±6°C	±4°C
<b>Switching difference</b>	2÷6K	2÷6K
<b>Rated current</b>	16/10 A	16/10 A
<b>Rated current of signalling circuit</b>	2 A	2 A
<b>Minimal current</b>	2 A	2 A
<b>Type of load</b>	0,95φ	0,95φ
<b>Rated voltage</b>	240/400 V ~	240/400 ~
<b>Temperature range (switching unit)</b>	0÷90°C	0÷90°C
<b>Max. temperature (sensor)</b>	90°C	110°C
<b>Protection</b>	IP 00	IP 00
<b>Protection class</b>	I	I
<b>Lifetime</b>	100 000 working cycles	100 000 working cycles
<b>Automatic type operation</b>	2 BL	2 BL
<b>Capillary length</b>	500, 1000 mm	500, 1000 mm
<b>Min. radius of capillary bend</b>	5 mm	5 mm
<b>Connecting terminals</b>	Flat pins 6,3 x 0,8 according to ČSN EN 61210	Flat pins 6,3 x 0,8 according to ČSN EN 61210

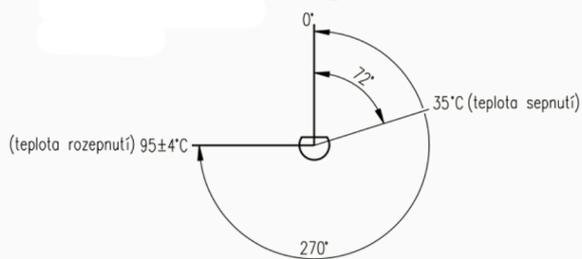
TECHNICAL DRAWINGS

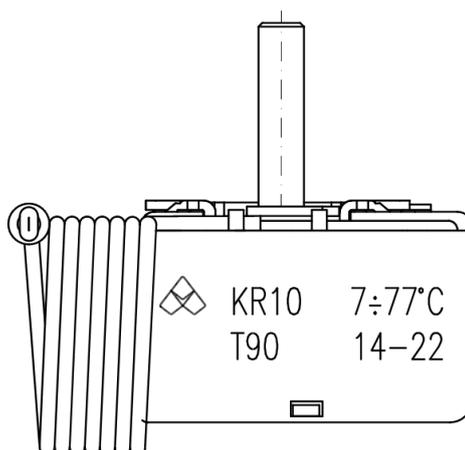
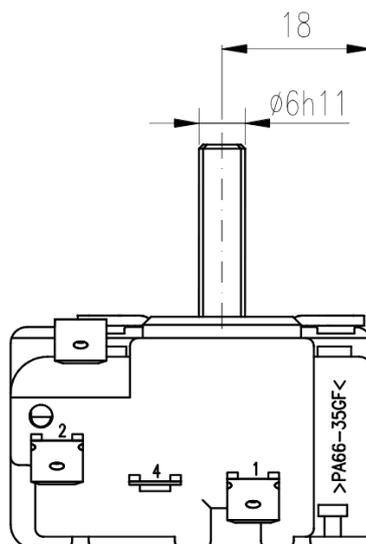


Control range KR 10



Control range KR 20





## CONTACTS

### APATOR METRA s.r.o.

Havlíčková 919/24

787 01 Šumperk

Czech Republic

Tel.: +420 583 718 261

E-mail: [prodej@metra-su.cz](mailto:prodej@metra-su.cz)

Web: [www.metra-su.cz](http://www.metra-su.cz)

Your distributor:

The manufacturer reserves the right to change design, technical specifications and accessories without prior notice.

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